

Mukesh Kumar

📞 8115748474 ✉ ku.mukesh8474@gmail.com 🏠 Chandauli, Uttar Pradesh, 232106

🔗 [Portfolio](#) [LinkedIn](#) [GitHub](#) [Leetcode](#)

Work Experience

Web Development Intern, ([Unified Mentor](#))

July 2024 - September 2024

- Engineered responsive web applications using React, increasing platform retention by 40% through optimized interactive designs.
- Leveraged Firebase's real-time database and authentication tools, reducing backend processing time by 30%.

Education

- Bachelor of Technology (Information Technology)** [Institute - AITD](#) **7.8 CGPA 2021-2025**
- Senior Secondary (12th)** [School - GVPS](#) **94% 2019-2020**
- Secondary (10th)** [School - GVPS](#) **94.2% 2017-2018**

Technical skills

- Programming Languages : C, C++, JavaScript, Python, SQL
- Web Development : HTML5, CSS3, Bootstrap5, React, Redux, Node.js, Express.js, Wordpress
- Databases : MongoDB, Firebase
- Libraries/Frameworks: React (Hooks, Context API), Redux, Flask, Bootstrap
- Other skills: Data Structure and Algorithms, Object Oriented Programming, RESTful APIs, Responsive Design, State Management, Unit Testing
- Tools : Version control systems(GitHub), AI Tools(ChatGPT, Gemini),VS Code, Microsoft Office Suite (Word, Excel, PowerPoint), Photoshop
- Soft Skills : Project Leadership, Technical Communication, Performance Optimization Analysis, Team-based Project Execution, Innovative Solution Design

Technical Projects

- Full-Stack Employee Management System - MongoDB, Express.js, React.js, Node.js (MERN)** [🔗](#) [Live Demo](#)
 - Designed and implemented a Full-Stack Employee Management System using the MERN stack, enabling 100% secure role-based authentication with JSON Web Tokens (JWT) and managing over 10 employee tasks per user with real-time status updates (Active, Completed, Failed).
 - Improved task assignment efficiency by 30%, managing projects for teams of 50+ members through a responsive admin dashboard, integrating 15+ RESTful APIs for efficient CRUD operations and seamless front-end and back-end communication.
- DailyPulseX – AI-Powered News Aggregator with Real-Time Search & Summarization** [🔗](#) [Live Demo](#)
 - Designed a scalable full-stack web application using Flask, HTML/CSS, and JavaScript, integrating Newsdata.io API to fetch live news across 9 categories (e.g., Tech, Health, Business) from over 8 countries with search and filter capabilities.
 - Implemented real-time news summarization using Google Gemini Pro LLM, reducing reading time by 40% while maintaining 90% content relevance, enhancing user engagement and boosting session duration by an estimated 3x.
- Paradise Nursery: Full-Stack Plant E-commerce Platform** [🔗](#) [Live Demo](#)
 - Developed a responsive e-commerce platform using React.js, Redux Toolkit, and Bootstrap, featuring product browsing, category-based filtering, search functionality, interactive cart functionality (add, remove, quantity adjustments), and real-time cost calculation to enhance user experience.
 - Reduced load times by 20% and state management by implementing Redux for global state handling, React hooks (useState, useSelector, useDispatch) for efficient rendering, and modern CSS for responsive design, achieving 100% functionality with modular, reusable components.

Certifications

- Web Development Intern at Unified Mentor [🔗](#)
- Developing Front-End Apps with React by IBM [🔗](#)
- C/C++, DSA and Internet of Things by iNeuron [🔗](#)
- React and Redux Course by KG Coding [🔗](#)
- Foundation of Cybersecurity by Google [🔗](#)

Extra Curricular Activities

Winner - Robo War Competition [🔗](#)

- Led a team to design and build a robo car with a 300 RPM motor that won first place in the Robo War competition.

Languages

- Hindi - Native Speaker**
- English - Intermediate Proficiency**